

AT-8200 Series, Managed Fast Ethernet Switches

- AT-8224XL** 24 port managed Fast Ethernet switch with 2 expansion bays
- AT-D8224XL** 24 port managed Fast Ethernet switch with 2 expansion bays
-48vDC power and NEBS compliant
- AT-8216FXL** 16 port managed Fast Ethernet switch, available in SC or MT-RJ connectors
- AT-8288XL** 16 port managed Fast Ethernet switch comprised of 8 x 100FX ports and 8 x 10/100 ports

KEY FEATURES

- 13.3Gbps switch fabric**
- 2 expansion slots**
- 100FX uplinks**
- Gigabit uplinks**
- Support up to 256 VLANs**
- Wirespeed**
- Non-blocking**
- Web-based management**
- SNMP support**
- IEEE 802.1Q VLAN tagging**
- IEEE 802.1p Prioritization**
- IEEE 802.3ad Port Trunking**
- Port Security**
- Port Mirroring**
- Auto MDI/MDIX**
- 1.5 RU form factor**
- Lifetime limited warranty**

PERFORMANCE

The Allied Telesyn AT-8200XL series of Fast Ethernet switches combines exceptional performance, with ease of use and flexibility at an affordable price. With a non-blocking switching architecture and full-wire speed performance on all ports, these switches are ideal for high density workgroups or backbone networks where performance is required.

FLEXIBILITY

The AT-8200 series switches all feature two optional expansion slots. Each expansion slot can be populated to provide either two additional Fast Ethernet fiber ports, four additional 10/100 copper ports, or one gigabit port (1000T, 1000SX or 1000LX).

RICH FEATURE SET

All the switches are well equipped and feature IEEE 802.1Q VLAN tagging, allowing either one, or a series of switches to segment a network into smaller workgroups. Where customers have bandwidth hungry or time-sensitive traffic such as video conferencing, these switches can be programmed to prioritize this traffic over other types of data. These switches feature internal RMON, IGMP Snooping, and port trunking, and can also provide port mirroring to an external device should that be required.

MANAGEMENT

Although the AT-8200XL series switches can be used as plug and play devices, an extensive range of management is provided. Management features include Web-based management, SNMP, Telnet and Omega Command Line Interface, allowing the switches to be controlled by a variety of management platforms.

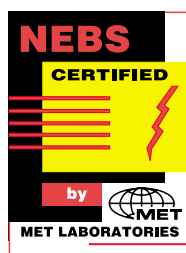
ABOUT ALLIED TELESYN, INC.

Allied Telesyn, Inc. leads the world in network technologies for the access edge. Since the company's inception in 1987, Allied Telesyn has been developing IP-based network products for use in video, voice and data networks at the metro edge, in education, government agencies and across the enterprise. Allied Telesyn's access, aggregation and core transport technologies range from simple Ethernet adapters, hubs and media converters to robust multi-layer Gigabit Ethernet switches and routers, wireless systems, DTM and WDM transport solutions for delivering real-time voice, video and data. Allied Telesyn's comprehensive support and professional service programs are suited to meet the growing demands of today's switched broadband infrastructures.

www.alliedtelesyn.com



AT-D8224XL



SWITCHES

 **Allied Telesyn**
Simply connecting the IP world

AT-8200 Series, Managed Fast Ethernet Switches

PERFORMANCE

13.3Gbps switching fabric
Up to 8.8Mpps
14,880pps for 10Mbps Ethernet
148,800pps for 100Mbps Ethernet
1,488,000pps for 1000Mbps Ethernet

MAC addresses 8K
Buffer Memory 12MB for AT-8224XL and AT-D8224XL
Buffer Memory 8MB for AT-8216FXL/8288XL
VLANs 256
Half/Full Duplex
Auto-negotiation
Auto MDI/MDIX

RELIABILITY

MTBF 42,000 hours

INTERFACE CONNECTIONS

10/100TX Shielded RJ-45
100FX MT-RJ or SC
1000LX Fiber SC
1000SX Fiber SC
RS 232 DB 9 pin female port

NETWORK MANAGEMENT

SNMP
Web Based Management
RS232 Console Access
Command Menu Interface (ATI Omega)
Telnet

POWER CHARACTERISTICS

Voltage 100-240VAC
Current 4.0/2.0A
Frequency 50-60Hz
Power Consumption 95W Max.

ENVIRONMENTAL SPECIFICATIONS

Operating Temp. 0C° to 40C° (32F° – 104F°)
Non-Operating Temp. -25C° to 70C° (-13F° to 158F°)
Relative Humidity 95% noncondensing

PHYSICAL CHARACTERISTICS

Height 6.6cm (2.6")
Width 44cm (17.3")
Depth 35.6cm (14")
Weight 5.5kg (12lbs.)
Mounting 19" rackmountable, hardware included

STANDARDS AND COMPLIANCE

IEEE 802.3 10T Ethernet
IEEE 802.3u 100TX Ethernet
IEEE 802.3ab 1000T Ethernet
IEEE 802.3z 1000X Ethernet
IEEE 802.1d Spanning Tree
IEEE 802.1p Class of Service, priority protocols
IEEE 802.1Q VLAN Tagging
IEEE 802.3x Flow Control
RFC 1757 RMON
RFC 1112 IGMP Snooping v1
RFC 951 BootP
RFC 2131 DHCP
RFC 1350 TFTP

SNMP STANDARDS

RFC 1213 MIB II
RFC 1493 Bridge MIB
RFC 1643 Ethernet MIB
RFC 1753 Extended Interface MIB

ELECTRICAL/MECHANICAL APPROVALS

UL 1950
FCC Class A
CSA 22.2 No. 950
EN55022 Class A
EN 60950 (TUV)
EN50082-1
VCCI

COUNTRY OF ORIGIN

Singapore

ORDERING INFORMATION

AT-8224XL-xx

24 port managed Fast Ethernet switch
with 2 expansion bays

AT-D8224XL-85

24 port managed Fast Ethernet switch
with 2 expansion bays
and -48VDC power supply.
NEBS compliant

AT-8216FXL/SC-xx

16 port managed Fast Ethernet switch
with fiber (SC) connectors

AT-8216FXL/MT-xx

16 port managed Fast Ethernet switch
with fiber (MT-RJ) connectors

AT-8216FXL/VF-xx

16 port managed Fast Ethernet switch
with fiber (VF-45) connectors

AT-8288XL/SC-xx

16 port managed Fast Ethernet switch with
8 x 10/100TX + 8 x 100FX (SC) ports

AT-8288XL/MT-xx

16 port managed Fast Ethernet switch with
8 x 10/100TX + 8 x 100FX (MT-RJ) ports

Where xx =

10 for U.S. power cord
20 for no power cord,
30 for U.K. power cord
40 for Australia power cord,
50 for Europe power cord
80 for -48VDC power

Uplink Modules

AT-A14
1 x 1000T copper port

AT-A15/SX
1 x 1000SX fiber port

AT-A15/LX
1 x 1000LX fiber port

AT-A16
2 x 100FX fiber ports, VF-45 connectors

AT-A17
2 x 100FX fiber ports, SC connectors

AT-A18
4 x 10/100TX copper ports, RJ-45 connectors

AT-A19
2 x 100FX fiber ports, MT-RJ connectors

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